

FIS Presentation

**Pacific Fisheries Information Network (PacFIN)
in 29 min**

Prepared by:
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Aug. 17, 2004

Overview

- Pacific Coast Fisheries Data Committee (PCFDC)
- Clients (Users)
- Central Processing System
- Data Tables Developed Specifically for NMFS/ST1
- PSMFC/PacFIN website
- Confidential/Non-Confidential Data
- PacFIN Office Staff

Pacific Coast Fisheries Data Committee (PCFDC)

- **Membership** : CDFG, ODFW, WDFW, NWR, NWFSC, SWR, SWFSC, PFMC, PSMFC, IDFG, ADFG, AKR, NPFMC
- **Charter (established 1980)** :

Purpose

- implement and manage a fisheries information network (FIN) that aggregates summarized state and federal fisheries data ...
- provide data management consultation and technical advice to the councils' plan/management teams ...
- establish priorities and coordinate plans to improve the efficiency, effectiveness, and timeliness of data acquisition and delivery ...
- promote the development and implementation of coast wide data collection standards ...

Funding

- provided by NMFS via an annual grant
- via a memorandum of understanding; the AFSC (formerly NW&AFC) provides central computer systems resources, office space, and communication resources.

- **Pacific States Marine Fisheries Commission (PSMFC) :**
 - Lead agency for the PacFIN project
 - Employs the PacFIN office staff
 - Oversees the annual NMFS grant consisting of four components: WDFW, ODFW, CDFG, and the PacFIN Office

Clients

- Pacific Fishery Management Council (PFMC)
- PFMC Groundfish Management Team
- NMFS: NWR, NWFSC, SWR, SWFSC
- WDFW, ODFW, CDFG
- Fishers, Fish Processors, Non-government organizations (NGOs)
- Academic Researchers/Investigators including Seagrant and S-K grantees
- NMFS Office of Science and Technology (ST1)
- Alaska fisheries: AFSC, NPFMC, AKR, ADFG (via AKFIN)

Central Processing System

Hardware/Software

- Sun processors operated and maintained by AFSC/OFIS staff
- Unix, Oracle DBMS, SQL*Plus, PL/SQL, 'C', PERL, and various Unix shell script languages

Scope: domestic (1981 thru present), foreign (81-88), JV(81-90)

Data Sources

- NWAFFSC (foreign and JV catch)
- CDFG, ODFW, WDFW (FT, ACM, SCM, SV, ACL, LBK, BDS, Permit)
- AFSC (at-sea whiting vessel summaries)
- NWR (LE PERMIT, at-sea whiting vessel summaries)
- ADFG and AKR via AKFIN (monthly aggregated-catch)
- USCG (Merchant Vessels of the U.S. data)
- DFO, Canada (monthly aggregated-catch)

Central Processing System

Data Tables

Primary (lowest-level) Data Tables

- fish-tickets (FT, FTL)
- state vessel registration (SV): U.S. Coast Guard documented vessels (CG)
- agency code list (ASP, AAR, AGR, APR, APC)
- PacFIN codes (SP, AR, GR, PC)
- proportions: catch by area (ACM); species composition (SCM)
- federal limited-entry permit (NWR_LEP_SRC)
- W-O-C trawl logbook (LBK_TRIP, LBK_TOW, LBK_CATCH, LBK_FTID)
- biological data (BDS_SAMPLE, BDS_CLUSTER, BDS_FISH, BDS_AGE)
- quota species monitoring (QSM system tables)
- W-O-C permit data (WOCPRMT, PRMTDESC, PRMT_OWN)

```
SQL-PACFIN> @sum_sp_ag_grg
enter earliest_year (4-digit) >2003
enter latest_year (4-digit) >2003
enter spid >sabl
05 AUG 2004 16:26
User: PACFIN
```

This report was generated using the fish-ticket-line (ftl) table
This report selects all rows for W-O-C for all catch areas including Puget Sound and Alaska
xxx = CONFIDENTIAL data

GRID							Avg.	# of	max rwt	avg rwt	# of	# of	# of
YEAR	group	AG	SPID	LWT-LBS	RWT-MTONS	REVENUE	LWT PPP	ftids	lbs per ftl row	lbs per ftl row	trips	vids	procs
2003	HKL	C	SABL	1,182,399	564.4	\$1,925,486	\$1.628	2,514	30,658	257	2,405	152	66
2003	HKL	O	SABL	964,725	499.6	\$2,065,104	\$2.141	737	29,318	376	686	142	26
2003	HKL	W	SABL	1,827,948	1,320.4	\$5,368,515	\$2.937	1,331	23,178	293	1,237	144	22
2003	MSC	C	SABL	xxx	xxx	xxx	\$1.650	2	xxx	xxx	2	2	2
2003	NET	C	SABL	3,004	1.4	\$3,654	\$1.216	20	798	143	18	9	9
2003	POT	C	SABL	472,209	214.2	\$667,241	\$1.413	1,088	10,385	154	984	68	22
2003	POT	O	SABL	644,943	408.5	\$1,802,193	\$2.794	195	39,440	828	176	29	14
2003	POT	W	SABL	296,836	186.5	\$771,778	\$2.600	67	27,755	1,068	66	15	7
2003	TLS	C	SABL	4,721	2.5	\$4,826	\$1.022	16	1,298	215	16	12	7
2003	TLS	O	SABL	77	.0	\$142	\$1.847	8	20	10	8	6	4
2003	TLS	W	SABL	xxx	xxx	xxx	\$2.457	9	xxx	xxx	9	7	1
2003	TWL	C	SABL	1,887,053	856.1	\$2,087,441	\$1.106	1,310	9,952	576	1,250	90	29
2003	TWL	O	SABL	2,673,192	1,262.7	\$3,524,661	\$1.319	1,409	7,958	554	1,347	102	13
2003	TWL	W	SABL	306,721	196.7	\$565,293	\$1.843	382	8,563	270	382	36	8
2003	TWS	C	SABL	1,259	.6	\$1,034	\$.821	5	1,113	252	5	5	5
2003	TWS	O	SABL	xxx	xxx	xxx	\$1.183	2	xxx	xxx	2	1	1
2003	TWS	W	SABL	xxx	xxx	xxx	\$.996	2	xxx	xxx	2	1	1
*****				-----	-----	-----		-----					
sum				10,265,554	5,513.8	\$18,788,146		9,097					

```
17 rows selected.

Elapsed: 00:00:37.01
SQL-PACFIN> spool
currently spooling to fis.ex6
SQL-PACFIN> quit
```


Central Processing System

Summary Data Tables

Summary catch (SC)

- Initially designed as a reporting tool. Most of the PacFIN standard reports for groundfish utilize the data in this table
- Maintained in sync with the FT/FTL, ACM, and SCM lowest-level data
- Contains data for all species in all fisheries (GRND, SAMN, HMS, CPEL, SRMP, CRAB, etc.)
- Sole location for the best estimates of catch for rockfish species
- Monthly summations of FT market-categories are combined with ACM and SCM proportions to produce the best estimates of landed-catch for each rockfish species by month, area, gear, and port
- Higher level summations for each dimension (period, species, area, gear, port) are maintained
- Contains both confidential and non-confidential summations
- Contains about 1.8 million rows per year (81 - present)
- Data columns include: year, period, species (i.e. spid), area, gear, port, rwt-pounds, estimated-revenue, rwt-lbs-priced

< A few examples from the SC table >

User: PACFIN

rpt_annual

Notes:

1. MTONS = Landed catch in round-weight equivalent metric-tons.
2. Landed-catch excludes any discarded fish.
3. Revenue and \$/LB are ex-vessel and are estimated.
4. % prcd = the percentage of landed catch that was actually priced.

Definitions for all PacFIN codes can be found at: www.psmfc.org

YEAR	SPID	ARID	GRID	PCID	METRIC TONS	Estimated Revenue	\$/LB	% prcd
2003	GRND	PC	ALL	ALP	168,992.635	\$60,241,747	\$.162	47.1
2002	GRND	PC	ALL	ALP	159,646.652	\$52,467,929	\$.149	45.0
2001	GRND	PC	ALL	ALP	204,046.921	\$59,839,750	\$.133	47.0
2000	GRND	PC	ALL	ALP	243,921.153	\$75,314,217	\$.140	48.3
1999	GRND	PC	ALL	ALP	266,328.996	\$69,183,650	\$.118	46.6
1998	GRND	PC	ALL	ALP	274,548.058	\$61,901,162	\$.102	47.2
1997	GRND	PC	ALL	ALP	286,632.717	\$99,357,422	\$.157	49.2
1996	GRND	PC	ALL	ALP	252,675.202	\$88,597,462	\$.159	57.0
1995	GRND	PC	ALL	ALP	234,252.486	\$96,812,622	\$.187	57.1
1994	GRND	PC	ALL	ALP	297,955.386	\$77,721,415	\$.118	40.9
1993	GRND	PC	ALL	ALP	201,805.463	\$69,075,525	\$.155	51.4
1992	GRND	PC	ALL	ALP	267,169.734	\$87,062,042	\$.148	45.7
1991	GRND	PC	ALL	ALP	284,480.134	\$91,402,968	\$.146	31.6
1990	GRND	PC	ALL	ALP	97,022.827	\$63,906,722	\$.299	82.6
1989	GRND	PC	ALL	ALP	97,426.549	\$67,231,425	\$.313	86.0
1988	GRND	PC	ALL	ALP	92,322.568	\$68,191,926	\$.335	87.2
1987	GRND	PC	ALL	ALP	89,194.654	\$69,212,410	\$.352	86.0
1986	GRND	PC	ALL	ALP	82,623.893	\$56,408,627	\$.310	89.6
1985	GRND	PC	ALL	ALP	91,114.503	\$55,836,510	\$.278	85.7
1984	GRND	PC	ALL	ALP	89,795.689	\$48,560,365	\$.245	86.5
1983	GRND	PC	ALL	ALP	98,944.132	\$52,274,114	\$.240	93.1
1982	GRND	PC	ALL	ALP	119,267.560	\$59,925,655	\$.228	93.6
1981	GRND	PC	ALL	ALP	103,498.862	\$49,447,075	\$.217	93.5

avg					178,420.295	\$68,694,467		

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PacFIN Report

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User: PACFIN

ann_arid

Notes: 1. MTONS = Landed catch excluding any discarded fish.

2. Revenue and \$/LB are estimated.

3. % prcd = the percentage of landed catch that was actually priced.

YEAR	SPID	ARID	NAME	GRID	PCID	MTONS	Revenue	\$/LB	% prcd
2003	GRND	PG	PUGET SND	ALL	ALP	698.0	\$427,068	\$.278	99.6
2003	GRND	CR	COL RIVER	ALL	ALP	.1	\$61	\$.450	100.0
2003	GRND	ZY	OUT-EEZ-N	ALL	ALP	1,061.1	\$867,575	\$.371	84.2
2003	GRND	ZZ	OUT-EEZ-S	ALL	ALP	49.0	\$46,764	\$.433	99.7
2003	GRND	NC	All NPFMC	ALL	ALP	1,896,049.9	\$594,484,691	\$.142	42.1
2003	GRND	PC	ALL PFMC	ALL	ALP	168,992.6	\$60,241,747	\$.162	47.1
2003	GRND	CAN	CANADIAN	ALL	ALP	1,758.2	\$1,127,708	\$.291	95.9

sum						2,068,608.9	\$657,195,614		

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PacFIN Report

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ann_arid

Notes: 1. MTONS = Landed catch excluding any discarded fish.

2. Revenue and \$/LB are estimated.

3. % prcd = the percentage of landed catch that was actually priced.

YEAR	SPID	ARID	NAME	GRID	PCID	MTONS	Revenue	\$/LB	% prcd
2003	GRND	VN	VNCVR-US	ALL	ALP	37,664.7	\$13,565,129	\$.163	44.2
2003	GRND	CL	COLUMBIA	ALL	ALP	113,928.1	\$28,247,630	\$.112	44.7
2003	GRND	OC	OR COAST	ALL	ALP	92.2	\$367,810	\$1.810	99.9
2003	GRND	EK	EUREKA	ALL	ALP	11,544.7	\$7,883,305	\$.310	52.9
2003	GRND	MT	MONTEREY	ALL	ALP	4,409.4	\$6,555,022	\$.674	99.8
2003	GRND	CP	CONCEPTION	ALL	ALP	1,353.5	\$3,622,782	\$1.214	99.7
2003	GRND	UI	UNK-PFMC	ALL	ALP	.0	\$67	\$1.000	100.0

sum						168,992.6	\$60,241,745		

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ann_grid

Notes:

1. MTONS = round-weight equivalent landed catch excluding any discarded fish
2. Revenue and \$/LB are estimated.
3. % prcd = the percentage of landed catch that was actually priced.
4. T = type: 3 = all gears combined; 2 = gear groups; 1 = individual gears

YEAR	SPID	T	GRID	SHORTNAME	MTONS	Revenue	\$/LB	% prcd	ARID	PCID
2003	SABL	3	ALL	ALL GEARS	5,445.39	\$18,401,561	\$1.53	94.8	PC	ALP
2003	SABL	2	HKL	HOOK&LINE	2,308.80	\$8,959,386	\$1.76	89.2	PC	ALP
2003	SABL		MSC	OTH GEARS	.00	\$13	\$1.65	100.0	PC	ALP
2003	SABL		NET	NETS	1.37	\$3,654	\$1.21	98.9	PC	ALP
2003	SABL		POT	POT&TRAP	809.21	\$3,241,212	\$1.82	99.9	PC	ALP
2003	SABL		TLS	TROLLS	2.72	\$5,455	\$.91	96.7	PC	ALP
2003	SABL		TWL	TRAWLS	2,322.60	\$6,190,528	\$1.21	98.6	PC	ALP
2003	SABL		TWS	SH-TRAWLS	.69	\$1,314	\$.86	99.2	PC	ALP
2003	SABL	1	JIG	JIG	12.79	\$48,881	\$1.73	100.0	PC	ALP
2003	SABL		LGL	LONGLINE	2,258.57	\$8,801,054	\$1.77	89.0	PC	ALP
2003	SABL		OHL	OTH HK&LN	7.79	\$28,500	\$1.66	100.0	PC	ALP
2003	SABL		POL	POLE (COM)	20.03	\$53,632	\$1.21	99.8	PC	ALP
2003	SABL		VHL	VRTCL HKL	9.63	\$27,320	\$1.29	99.9	PC	ALP
2003	SABL		OTH	OTH-KNOWN	.00	\$6	\$1.50	100.0	PC	ALP
2003	SABL		USP	UNKN-GEAR	.00	\$7	\$1.80	100.0	PC	ALP
2003	SABL		DGN	DRF GL NET	.19	\$906	\$2.20	100.0	PC	ALP
2003	SABL		GLN	GILL NET	1.17	\$2,730	\$1.06	98.8	PC	ALP
2003	SABL		SEN	SEINE	.01	\$18	\$.90	100.0	PC	ALP
2003	SABL		CLP	C&L POT	3.26	\$12,760	\$1.77	92.4	PC	ALP
2003	SABL		FPT	FISH POT	804.81	\$3,225,477	\$1.82	99.9	PC	ALP
2003	SABL		PRW	PRWN TRAP	1.13	\$2,974	\$1.19	100.0	PC	ALP
2003	SABL		BTR	BTM-TROLL	.13	\$446	\$1.52	100.0	PC	ALP
2003	SABL		TRL	TROLL	2.59	\$5,009	\$.88	96.6	PC	ALP
2003	SABL		DNT	DNSH SEINE	1.03	\$1,081	\$.48	100.0	PC	ALP
2003	SABL		FFT	FLT-TRAWL	105.49	\$271,209	\$1.17	99.3	PC	ALP
2003	SABL		GFL	GFTRAWL>8	678.84	\$1,696,140	\$1.13	100.0	PC	ALP
2003	SABL		GFS	GFTRAWL<8	246.03	\$593,753	\$1.09	100.0	PC	ALP
2003	SABL		GFT	GFSH-TRAWL	29.56	\$72,834	\$1.12	100.0	PC	ALP
2003	SABL		MDT	MID-TRAWL	56.24	\$106,345	\$.86	49.2	PC	ALP
2003	SABL		RLT	RLR-TRAWL	1,205.41	\$3,449,166	\$1.30	99.7	PC	ALP
2003	SABL		DST	DBL-SHRIMP	.05	\$124	\$1.18	100.0	PC	ALP
2003	SABL		SHT	SHMP-TRAWL	.07	\$155	\$1.00	100.0	PC	ALP
2003	SABL		SST	SGL-SHRIMP	.57	\$1,034	\$.82	99.0	PC	ALP

User: PACFIN

rpt_month

Notes: 1. MTONS = Landed catch excluding any discarded fish.

2. Revenue and \$/LB are estimated.

3. % prcd = the percentage of landed catch that was actually priced.

AGG										%	
YEAR	LVL	PRD	SPID	ARID	GRID	PCID	POUNDS	METRIC TONS	Revenue	\$/LB	prcd
2004	M	1	FLAT	PC	TWL	ALP	2,169,068	983.9	\$1,250,593	\$.577	97.7
2004		2	FLAT	PC	TWL	ALP	2,794,096	1,267.4	\$1,428,294	\$.511	98.2
2004		3	FLAT	PC	TWL	ALP	2,549,732	1,156.5	\$1,002,231	\$.393	96.7
2004		4	FLAT	PC	TWL	ALP	2,179,599	988.7	\$834,852	\$.383	97.7
2004		5	FLAT	PC	TWL	ALP	2,686,693	1,218.7	\$1,102,596	\$.410	97.5
2004		6	FLAT	PC	TWL	ALP	1,975,492	896.1	\$838,156	\$.424	97.2
2004		7	FLAT	PC	TWL	ALP	238,716	108.3	\$97,689	\$.409	100.0

sum							14,593,396	6,619.5	\$6,554,411		
2004	Y	1	FLAT	PC	TWL	ALP	14,593,396	6,619.5	\$6,554,411	\$.449	97.5

sum							14,593,396	6,619.5	\$6,554,411		

User: PACFIN

rpt_month

Notes: 1. MTONS = Landed catch excluding any discarded fish.

2. Revenue and \$/LB are estimated.

3. % prcd = the percentage of landed catch that was actually priced.

AGG										%	
YEAR	LVL	PRD	SPID	ARID	GRID	PCID	POUNDS	METRIC TONS	Revenue	\$/LB	prcd
2003	M	1	FLAT	PC	TWL	ALP	2,261,612	1,025.9	\$1,241,525	\$.549	98.5
2003		2	FLAT	PC	TWL	ALP	2,498,190	1,133.2	\$1,096,455	\$.439	98.1
2003		3	FLAT	PC	TWL	ALP	1,820,705	825.9	\$723,508	\$.397	98.5
2003		4	FLAT	PC	TWL	ALP	3,188,731	1,446.4	\$1,471,452	\$.461	96.5
2003		5	FLAT	PC	TWL	ALP	2,586,350	1,173.2	\$1,003,324	\$.388	97.9
2003		6	FLAT	PC	TWL	ALP	3,527,643	1,600.1	\$1,204,067	\$.341	96.2
2003		7	FLAT	PC	TWL	ALP	3,515,924	1,594.8	\$1,288,861	\$.367	95.9
2003		8	FLAT	PC	TWL	ALP	3,422,248	1,552.3	\$1,205,496	\$.352	96.4
2003		9	FLAT	PC	TWL	ALP	2,581,964	1,171.2	\$1,040,042	\$.403	98.6
2003		10	FLAT	PC	TWL	ALP	2,506,485	1,136.9	\$1,040,269	\$.415	96.5
2003		11	FLAT	PC	TWL	ALP	2,193,917	995.1	\$1,066,855	\$.486	98.1
2003		12	FLAT	PC	TWL	ALP	1,064,302	482.8	\$707,363	\$.665	98.6

sum							31,168,071	14,137.6	\$13,089,217		
2003	Y	1	FLAT	PC	TWL	ALP	31,168,071	14,137.6	\$13,089,217	\$.420	97.2

sum							31,168,071	14,137.6	\$13,089,217		

Central Processing System

Vessel Summary Tables

- VSY – Contains annual vessel summary data generated from the build_vsums program. The summations in this table are derived solely from the FT and FTL Oracle data tables. Re-assignment to catch-area and species using ACM and SCM proportions is not included in these summations. Aquaculture data has been excluded.
- TPY – Contains annual statistics and attributes for each vessel. Data elements include: total catch, total revenue, trips, and principal species (i.e. spid), gear, and port. Generated using the build_vsums program. The summations in this table are derived solely from the FT and FTL Oracle data tables. Re-assignment to catch-area and species using ACM and SCM proportions is not included in these summations. Aquaculture data has been excluded.
- NPAC4900 – Table includes vessel summaries for Pacific Whiting catch data. Estimates of catch for each processor and catcher vessel by species, area, gear, and day derived from the AFSC's Norpac database.
- VSMRFD – Contains monthly vessel summaries with rockfish distributed and NWR/LE permits. Generated using the refresh_vsmrfd program. The summations in this table have been developed using the FT, FTL, NWR_LEP_SRC, ACM, and SCM tables/views.

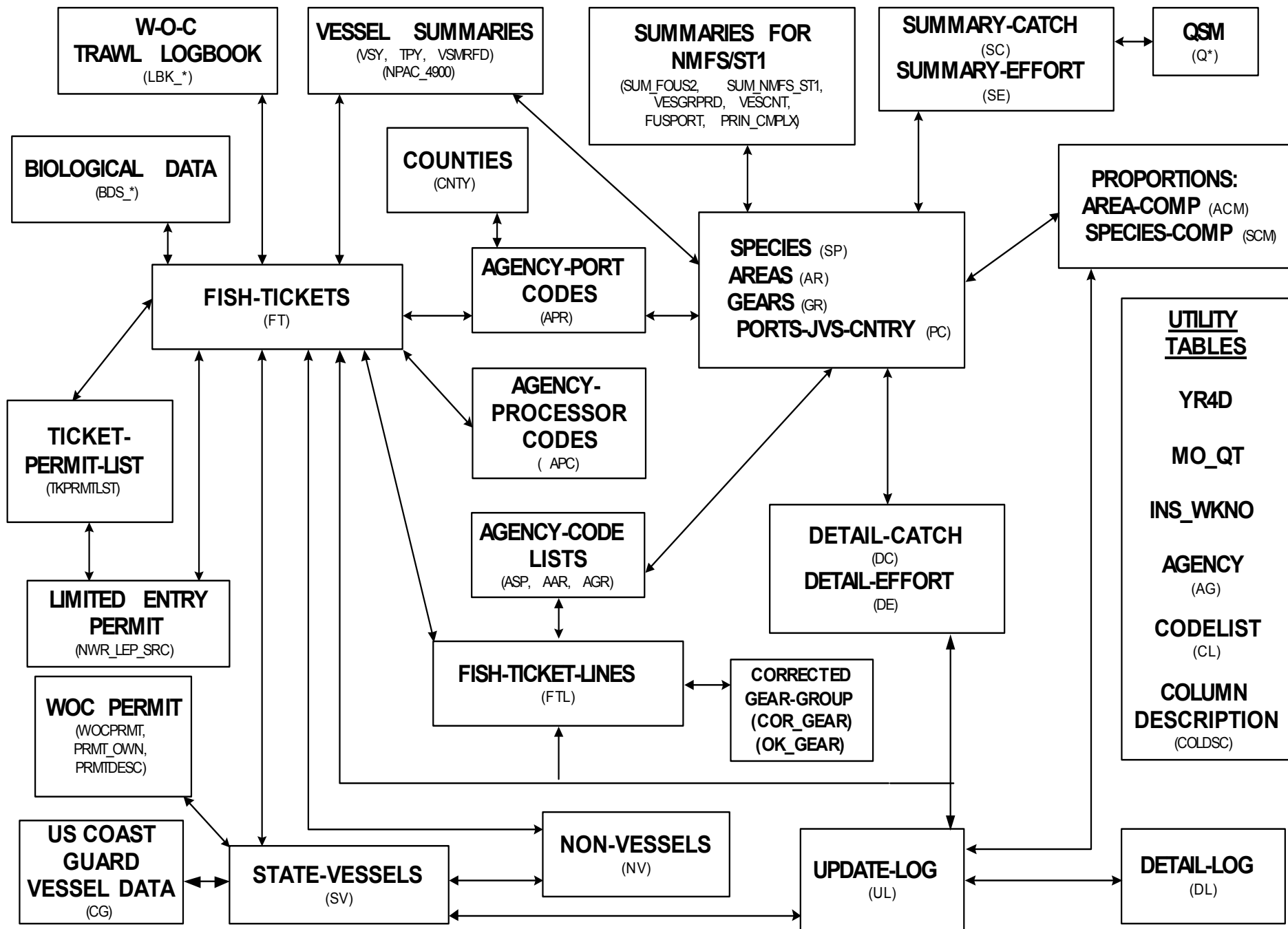
Central Processing System

Summary Tables For NMFS/ST1

- SUM_FOUS2 - Summary table for the NMFS Office of Science and Technology (NMFS/ST1). Applications include: Fisheries of the U.S. and the NMFS/ST1 Internet home page.
- SUM_NMFS_ST1 - Summary table for the NMFS/ST1. Table contains canadian vessel landings.
- VESGRPRD - Vessel-Gear-Time-Period; Contains one entry for each unique combination for year, vessel, and gear used. This table is populated/maintained by routine insert_vesgrprd.sql.
- VESCNT - contains counts of large (≥ 5 mt) and small vessels by agency. Generated from the refresh_vesent.sql script.
- FUSPORT - Table fusport includes total W-O-C commercial landings by port (i.e. pcid). Table fusport includes catch for all species for all management groups, including shellfish and treaty-Indian from all catch areas including Puget Sound, Alaska Ocean areas, the Columbia River, and Washington coastal rivers.
- PRIN_CMPLX - Includes all vessels, and only vessels, registered to land marine species in W-O-C ports and includes catch from all areas including Puget Sound, Columbia River, and Alaska areas. Contains the annual principal gear, species-complex (i.e. ROCK), and species for each vessel. The table includes principal attributes for both catch and revenue.

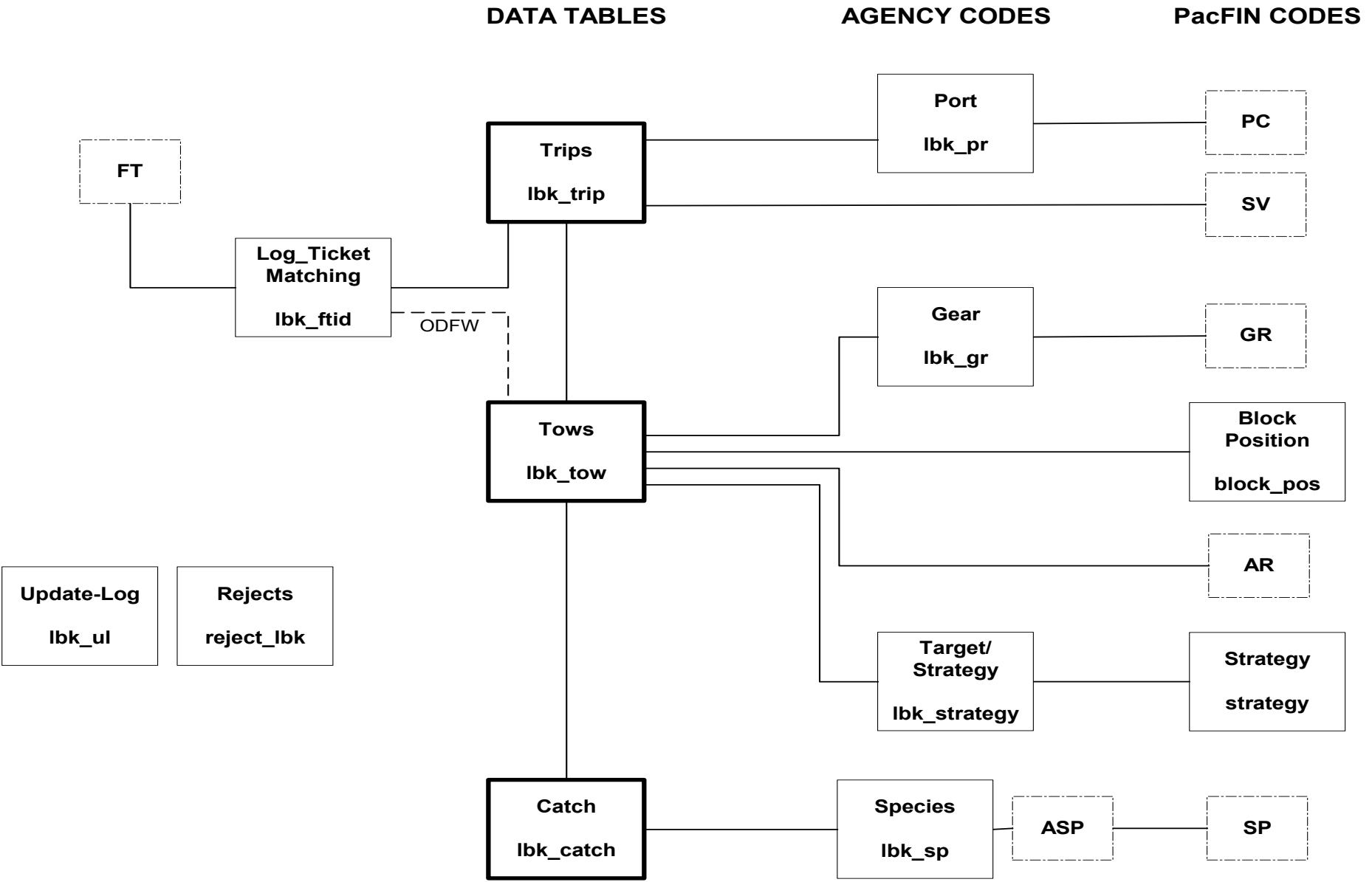
PacFIN DATABASE STRUCTURE CHART

July, 2004

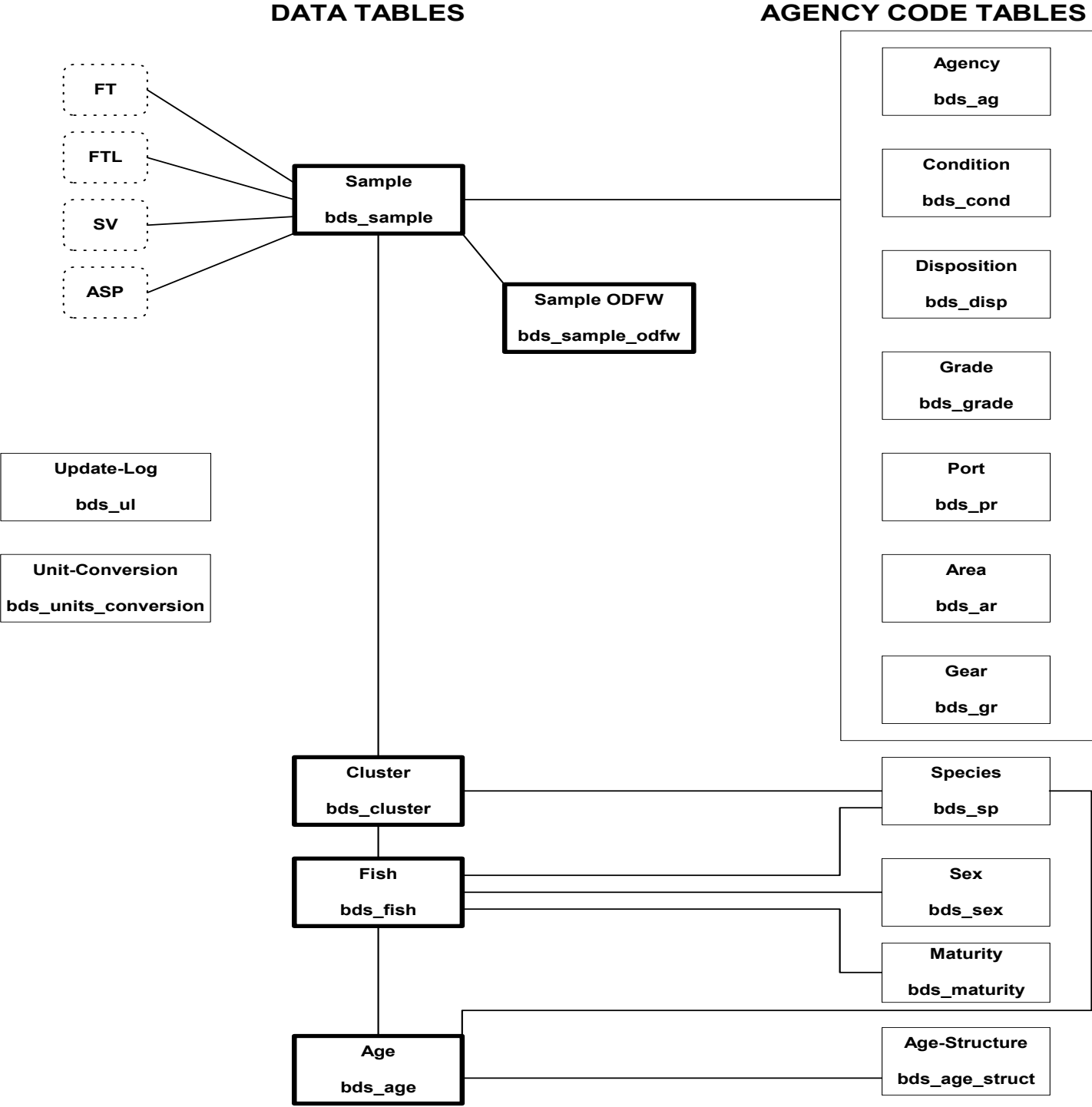


PacFIN Coastwide Trawl Logbook Subsystem

Data Tables



PacFIN Biological Subsystem Data Tables

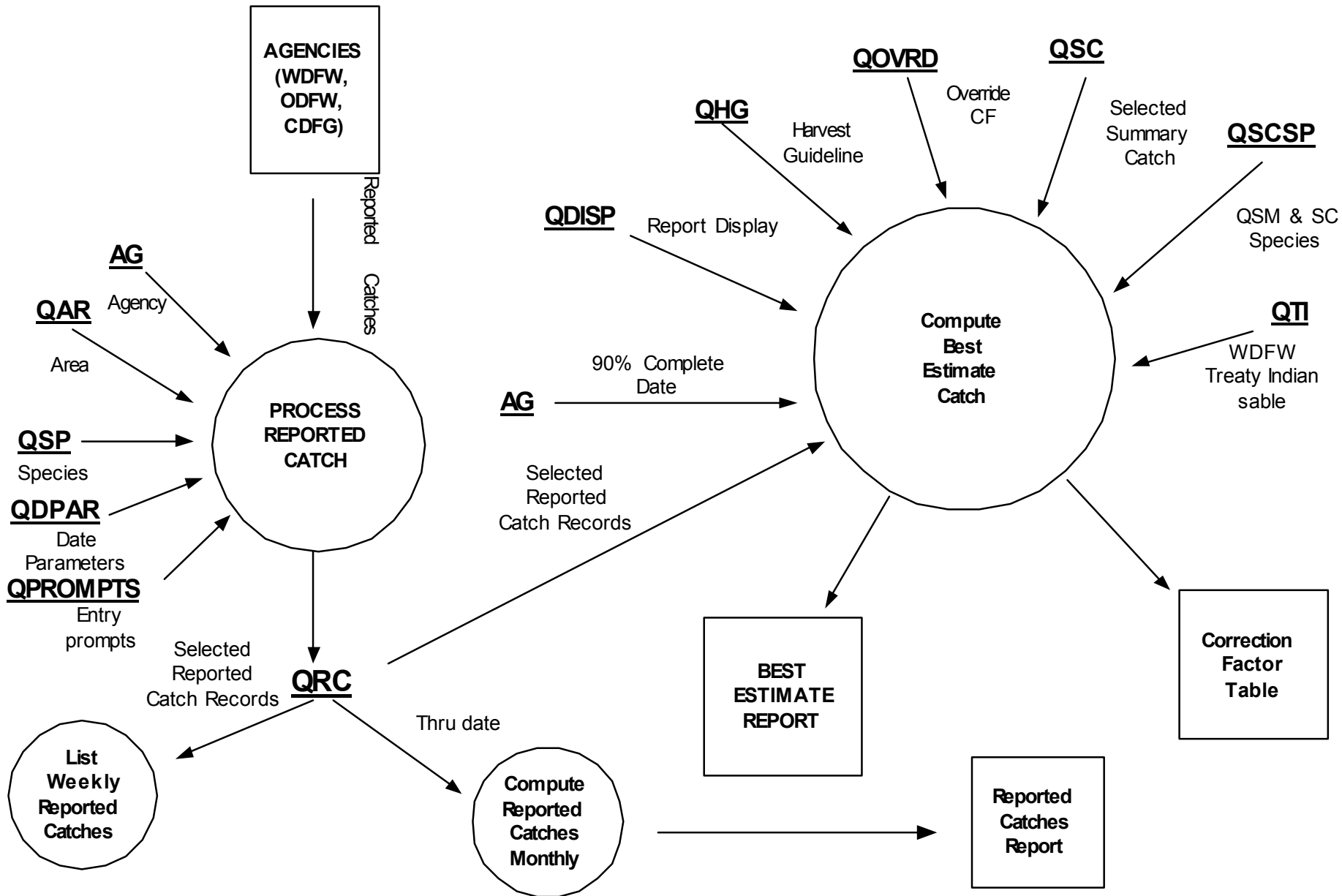


Update Frequency

- FT, ACM, SCM, SV, ACL, etc - nominally monthly (sometimes twice monthly)
- QSM Reported Catches - weekly
- LBK - annually through 2002, since 2003 the nominal target has been quarterly
- BDS - annually (nominal target for data delivery is April)
Moving toward more frequent updates
- NWR/LE - weekly, nominally each Friday
- USCG vessel data - twice yearly, moving to monthly

QUOTA SPECIES MONITORING (QSM)

DATA FLOW DIAGRAM



Total Fleet Best Estimates* of 2004 Cumulative Shoreside Commercial Landed Catch. Catch values are in Metric-tons

					2004	2003	TOTALS	2004	2003
	Wash	Ore	Calif	Total	HG	THRU JUL	THRU DEC	Tribal	Tribal
Longspine THDS	1	117	228	346	2461	1092	1556	—	—
Shortspine THDS	14	133	140	287	983	511	787	4	6
TWL Sable (V&C&E&M)	66	598	261	925		1316	2231	—	—
Dover sole	280	2154	1060	3494	7440	4327	7348	5	33
Petrale	353	642	225	1220	2762	1273	2003	17	84
English Sole	124	177	147	448	3100	622	876	13	68
Arrowtooth Flounder	401	610	29	1040	5800	1521	2319	1	23
Remaining Flatfish	49	254	285	588	7700	1079	1622	4	11
Tribal Sablefish								553	603
NTW Primary Sable*	242	293	62	597		848	1470	—	—
NTW DTL Sable*	70	54	225	349		402	941	—	—
CP NTW Sabl Pri	—	—	—	—				—	—
CP NTW Sabl DTL	—	—	40	40		88	132	—	—
Sablefish Conception	—	—	66	66		128	210	—	—
Lingcod	14	28	19	61	735	103	165	7	22
Spiny Dogfish	335	3	15	353		417	451	20	4
Widow Rockfish	63	2	8	73		18	27	15	9
Darkblotched RCKFSH	5	70	27	102	240	30	80	—	—
Canary rockfish	3	1	—	4	47	6	9	1	1
POP (V&C&E)	8	49	—	57	444	77	131	—	—
Yellowtail (V&C&E)	535	43	4	582	4320	158	688	229	273
Cabezon (V&C&E)	—	17	1	18		19	29	—	—
(V&C&E) UNSP RCKFSH	—	—	1	1				—	—
Yelloweye (V&C&E&M)	—	—	—	—	22	1	2	—	—
Black Rockfish (V&C&E)	—	—	—	—	512	182	172	—	—

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Black Rockfish, Nor.		69	21	90	540	109	170	
Kelp Greenling, Nor.		12		12		19	21	
Near-shore RF, Nor.		8	2	10		15	26	
Shelf rockfish, Nor.	10	2	27	39		28	40	
Slope rockfish, Nor.	33	69	28	130		92	168	
TWL Bocaccio (MT&CP)			3	3				
NTW Bocaccio (MT&CP)			1	1				
Chilipepper (MT&CP)			17	17	2000	2	8	
Splitnose RF (MT&CP)			25	25	461	99	150	
Cabezon (MT&CP)			18	18		38	38	
(MT&CP) UNSP RCKFSH			2	2		1	2	
Black Rockfish, So.			1	1	775	2	4	
Kelp Greenling, So.						4	4	
CA Scorpionfish, So.			1	1		3	5	
N-S RF: Shallow, So.			12	12		18	36	
N-S RF: Deep, So.			12	12		12	31	
Shelf rockfish, So.			8	8		5	12	
Slope rockfish, So.			148	148		218	345	
Pacific Whiting	19344	10547	4695	34586	90510	51597	55335	4079
*Estimates Thru	10JUL	10JUL	10JUL					
HARD DATA THRU	MAY04	JUN04	MAY04	MAY04				

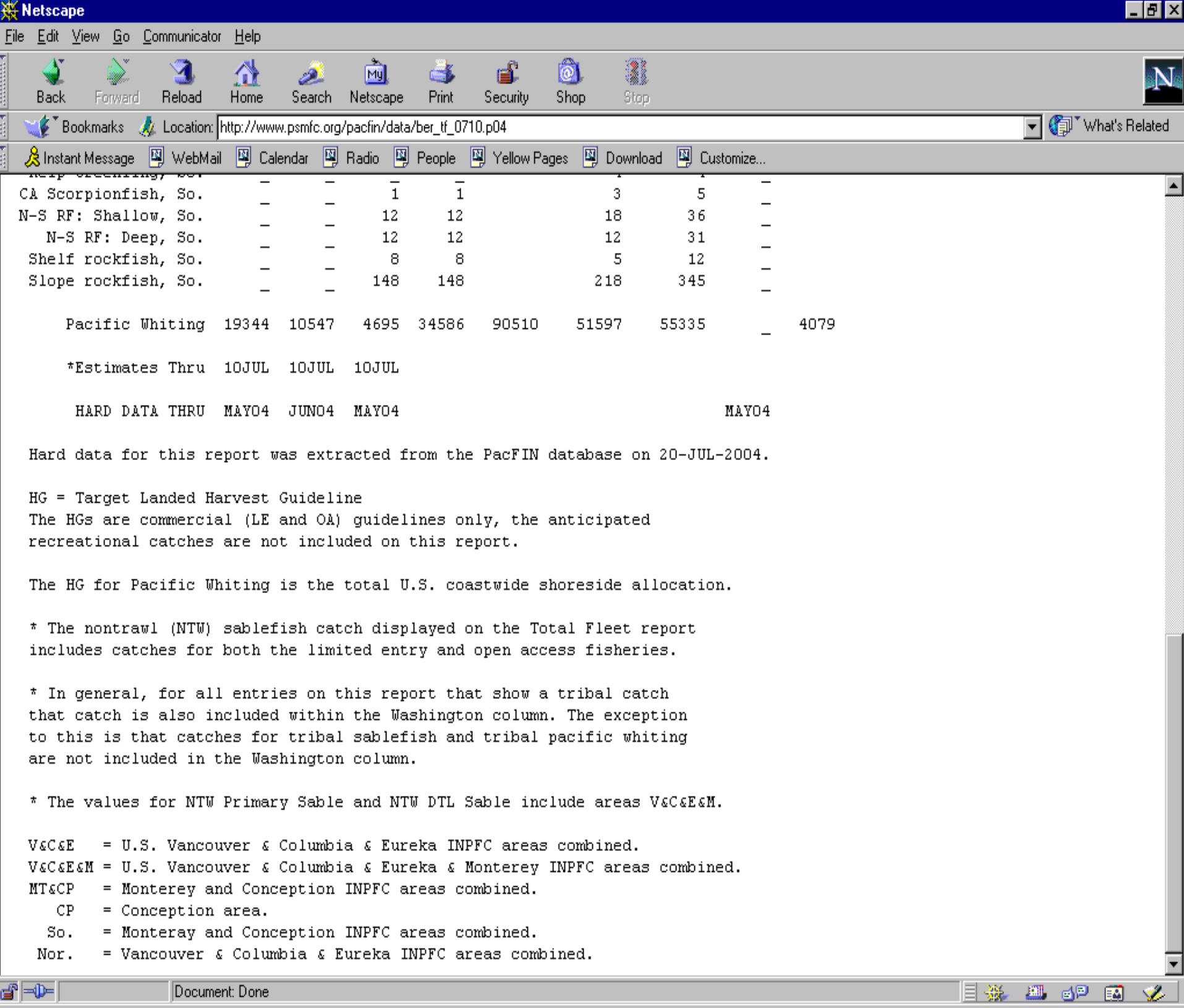
Hard data for this report was extracted from the PacFIN database on 20-JUL-2004.

HG = Target Landed Harvest Guideline
The HGs are commercial (LE and OA) guidelines only, the anticipated recreational catches are not included on this report.

The HG for Pacific Whiting is the total U.S. coastwide shoreside allocation.

* The nontrawl (NTW) sablefish catch displayed on the Total Fleet report includes catches for both the limited entry and open access fisheries.

Document Done



CA Scorpionfish, So.	-	-	1	1		3	5	-
N-S RF: Shallow, So.	-	-	12	12		18	36	-
N-S RF: Deep, So.	-	-	12	12		12	31	-
Shelf rockfish, So.	-	-	8	8		5	12	-
Slope rockfish, So.	-	-	148	148		218	345	-
Pacific Whiting	19344	10547	4695	34586	90510	51597	55335	4079
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HG = Target Landed Harvest Guideline
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The HG for Pacific Whiting is the total U.S. coastwide shoreside allocation.

* The nontrawl (NTW) sablefish catch displayed on the Total Fleet report includes catches for both the limited entry and open access fisheries.

* In general, for all entries on this report that show a tribal catch that catch is also included within the Washington column. The exception to this is that catches for tribal sablefish and tribal pacific whiting are not included in the Washington column.

* The values for NTW Primary Sable and NTW DTL Sable include areas V&C&E&M.

V&C&E = U.S. Vancouver & Columbia & Eureka INPFC areas combined.
V&C&E&M = U.S. Vancouver & Columbia & Eureka & Monterey INPFC areas combined.
MT&CP = Monterey and Conception INPFC areas combined.
CP = Conception area.
So. = Monterey and Conception INPFC areas combined.
Nor. = Vancouver & Columbia & Eureka INPFC areas combined.

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Welcome to the Pacific States Marine Fisheries Commission

Authorized by Congress in 1947, the Pacific States Marine Fisheries Commission (PSMFC) is one of three interstate commissions dedicated to resolving fishery issues. Representing California, Oregon, Washington, Idaho, and Alaska, the PSMFC does not have regulatory or management authority; rather it serves as a forum for discussion, works for

coastwide consensus to state and federal authorities. PSMFC addresses issues that fall outside state or regional management council jurisdiction.

The goal is to promote and support policies and actions directed at the conservation, development and management of fishery resources of mutual concern to member states through a coordinated regional approach to research, monitoring and utilization.



PSMFC Announcements

PSMFC Annual Meeting 2004 - September 19-22, 2004 in Seattle, Washington at the Grand Hyatt Hotel. Information and registration materials can be found [here](#). (06/04)

[PICES 13th Annual Meeting](#) - October 18 - 21, Hawaii Convention Center, Honolulu, Hawaii (06/04)

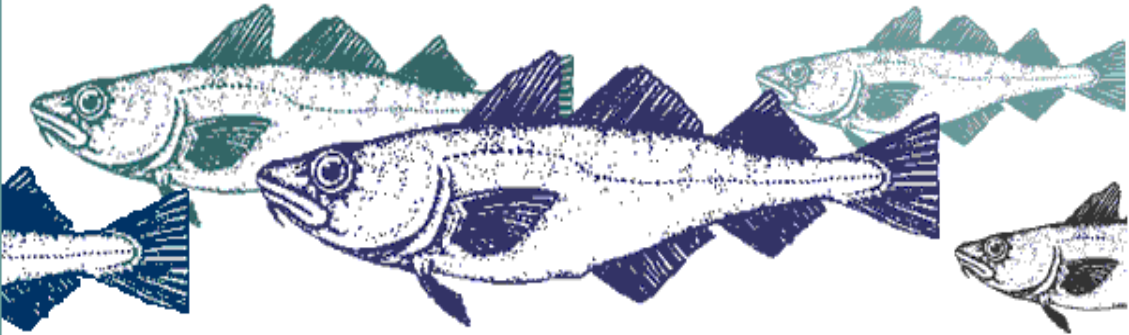
Documents pertaining to the "Development of a Cooperative Interagency Electronic Fishery Information Collection and Management Program in Alaska" can be found in our [Publications](#) section. (02/04)

The updated PSMFC Personnel policies are available online in [Word](#) and [PDF](#) format. (02/04)

See the [full list](#) of current and past PSMFC news

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PacFIN PACIFIC COAST FISHERIES INFORMATION NETWORK



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Welcome to the PacFIN Web Site!

The Pacific Coast Fisheries Information Network (PacFIN) is the nation's first regional fisheries data network. It provides information which enables agencies and industries to track commercial fish catches by area, and to manage and plan more effectively.

- To learn more about the PacFIN project, please see the [Overview](#) page.
- To view PacFIN data, please go to the [Data](#) page.
- For reports and documentation, please see the [Reports](#) page.
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[Code Lists for Areas, Gear Types, Ports/Regions, and Species/Market Categories](#)

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[PacFIN Data Completeness Report](#)

PacFIN Reports

PacFIN reports are listed by report name and number within the following categories:

- [Pacific Fishery Management Council \(PFMC\) Reports](#)
- [Washington, Oregon and California \(W-O-C\) Reports](#)
- [North Pacific Fishery Management Council \(NPFMC\) Reports](#)

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PacFIN Code Lists

You can view the following lists of definitions of PacFIN codes through this page:

Note: Existence of a particular code does not imply that data exists for that code. Some codes are retained for historical reasons.

PacFIN Code Lists

- Areas (ARID) [\[Hierarchical listing\]](#) [\[Alphabetical listing\]](#)
- Gear Types (GRID) [\[Hierarchical listing\]](#) [\[Alphabetical listing\]](#)
- Ports, subregions, Countries, Joint-Ventures (PCID) [\[Hierarchical listing\]](#) [\[Alphabetical listing\]](#)
- Counties (CID) [\[County codes\]](#)
- Species, Market Categories (SPID) [\[Hierarchical listing\]](#) [\[Alphabetical listing\]](#)
- [\[Condition codes\]](#)
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- [\[Grade codes\]](#)

State Agency Code Lists

- Gear Types [\[agency gear code listing\]](#) [\[ordered by PacFIN grid\]](#)
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PACIFIC FISHERIES INFORMATION NETWORK

PacFIN is a joint Federal and State data collection and information management project funded in part by a grant from the National Marine Fisheries Service (Grant No. NA97FN0044) and in part by the states of Alaska, California, Oregon, and Washington.

2003 PFMC Groundfish Management Team Reports

Note: All reports are formatted for 132 columns.

Report #	TITLE
001	PFMC INPFC Area Report: Commercial Groundfish Landed-catch (Metric tons)
002	PFMC Source Report: Commercial Groundfish Landed-catch (Metric tons)
009	PFMC Gear Group Report: Commercial Groundfish Landed-catch (Metric tons) for each INPFC area
010W	PFMC Port Group Report: Groundfish Landed-catch (Metric tons) for All Gears
010Wtwl	PFMC Port Group Report: Groundfish Landed-catch (Metric tons) for All Trawl Gear (except Shrimp Trawls)
010C	PFMC Port Group Report: Groundfish Landed-catch (Metric tons) for All Gears
010Ctwl	PFMC Port Group Report: Groundfish Landed-catch (Metric tons) for All Trawl Gear (except Shrimp Trawls)
013	PFMC Period Report: Monthly Commercial Groundfish Landed-catch
020W	PFMC Port Group Report: Estimated Ex-vessel Revenue (\$1000) of Groundfish Landed-catch for All Areas for All Gears
020Wtwl	PFMC Port Group Report: Groundfish Est. Ex-vess. Rev. (\$1000) Landed-catch for All Trawl Gear (except Shrimp Trawls)
022	PFMC Source Report: Commercial Groundfish Estimated Revenue for Landed-catch
047	PFMC CDFG Period Report: Monthly Commercial Groundfish Landed-catch (Metric tons)
049	PFMC ODFW Period Report: Monthly Commercial Groundfish Landed-catch (Metric tons)
051	PFMC WDFW Period Report: Monthly Commercial Groundfish Landed-catch (Metric tons)
058W	PFMC Port Group Report: Groundfish Estimated Ex-vessel Prices-per-pound (units = \$) for All Areas for All Gears
058Wtwl	PFMC Port Group Rpt: Groundfish Est. Ex-vess. Prices-per-pound (units = \$) for All Trawl Gear (except Shrimp Trawls)
074	PFMC Gear Group Report: Commercial Groundfish Estimated Revenue for all Areas
082	PFMC Gear Group Report: Commercial Groundfish Estimated Prices-per-pound for all Areas
112	PFMC Sablefish by Area Report: Historical Catch for all Gears
112twl	PFMC Sablefish by Area Report: Historical Catch for all Trawl Gear (except Shrimp Trawls)
112pot	PFMC Sablefish by Area Report: Historical Catch for all Pot Gear
112hkl	PFMC Sablefish by Area Report: Historical Catch for all Hook and Line Gear (except Troll)
213	PFMC Monthly Report: Commercial Groundfish Estimated Ex-vessel Prices-per-pound (units = \$)
236	PFMC Source Report: Commercial Groundfish Estimated Ex-vessel Prices-per-pound (units = \$)
305	PFMC INPFC Area Report: Estimated Ex-vessel Revenue (\$1,000) of Groundfish Landed-catch for All Gears
306	PFMC INPFC Area Report: Commercial Groundfish Estimated Ex-vessel Prices-per-pound (units = \$) for All Gears

**PacFIN****REPORTS****Washington, Oregon, and California All Species Reports**

- [1981-2004 W-O-C Management Group Reports\(Rpt #316\)](#)
- [1981-2004 W-O-C All Species Reports\(Rpt #307\)](#)
- [1981-2004 W-O-C All Species Gear Reports\(Rpt #311\)](#)
- [1981-2004 California All Species Reports\(Rpt #308\)](#)
- [1981-2004 Oregon All Species Reports\(Rpt #309\)](#)
- [1981-2004 Washington All Species Reports\(Rpt #310\)](#)
- [1981-2004 W-O-C All Species County Delimited Data\(rcty\)](#)

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Confidential/Non-Confidential Data

- Confidential data is defined as data that would reveal financial information about a person or business. Pragmatically, the rule-of-three is used to develop non-confidential summations for W-O-C data.
- Current PCFDC policy is that only individuals employed by, or under direct contract with, one of the PCFDC member agencies is allowed access to confidential data. In addition individuals granted this access must have a professional need.
- In general, many requests for confidential data are denied. Many academics working on Sea-grant and S-K grants, where their research design requires access to confidential data, have been denied access to that data because they do not conform to the above policy. Instead they make do with non-confidential data or ???
- Often PacFIN office staff works with the requestor to develop a set of non-confidential summations that will at least partially answer the questions being posed. This process consumes considerable resources.
- It is recommended that a workshop, seminar, conference, or meeting of some sort be convened to address fisheries data confidentiality issues for the Washington-Oregon-California region. It is recommended that all aspects of this confidentiality issue be addressed, including, but not limited to, all existing laws and policies. Some questions: Why do we have these laws? Who do they benefit? Who do they restrict? Are they helpful to the fishery management and conservation endeavor?

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